Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-13 (Canceled)

14. (Currently Amended) A method of providing a microrelay switch function comprising:

providing a microrelay having:

an actuator having first and second actuator surfaces and first and second conductive regions electrically isolated from each other;

a first cap having a first cap surface adjacent the first actuator surface, the first cap having third, fourth and fifth conductive regions electrically isolated from each other, the third conductive region being adjacent the first conductive region, the fourth and fifth conductive regions being adjacent the second conductive region;

a second cap having a second cap surface adjacent the second surface of the actuator, the second cap having a sixth conductive region adjacent the first conductive region;

the actuator being deflectable in a first direction to allow the second conductive region to contact the fourth and fifth conductive region, and the first and third conductive regions to not electrically contact each other;

the actuator being deflectable in a second direction opposite the first direction so that the first and sixth regions move closer without electrically contacting each other;

a) when a relay switch is to be closed, providing voltages on the first, third and sixth regions so that the actuator is attracted toward the first cap ~~and not the second cap~~ to put the second region in electrical contact with the fourth and fifth regions; and,

b) when the relay switch is to be opened, providing voltages on the first, third and sixth regions so that the actuator is attracted toward the second cap ~~and not the first cap~~ to prevent the second region from making electrical contact with the fourth and fifth regions.

15. (Original) The method of claim 14 wherein the voltages are square wave voltages of the same frequency, the voltages on the first and sixth regions in a) being of the same phase and the voltages on the first and third regions being of opposite phase, and in b), the voltages on the first and third regions in a) being of the same phase and the voltages on the first and sixth regions being of opposite phase.

16. (Original) The method of claim 14 wherein the square wave voltages are square wave voltages of zero average value.

CONCLUSION

Examination of claims 14-16 is respectfully solicited.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 02/25/2004

By Roger W. Blakely

Roger W. Blakely, Jr.
Reg. No. 25,831
Tel.: (714) 557-3800 (Pacific Coast)

12400 Wilshire Boulevard, Seventh Floor
Los Angeles, California 90025

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8A)

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☐ *deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.*

Date: 02/25/2004

FACSIMILE

☒ *transmitted by facsimile to the Patent and Trademark Office.*

Jessica A Clark 2/25/2004

Jessica A. Clark *Date*